

PRODUCT SPECIFICATIONS

Product: RED 33AL-I5

INCI Name: Red 33 Lake (And) Isopropyl Titanium Triisostearate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	Fine Red Powder, TMS			Visual
002A	Odor	Faint Characteristic, TMS			Organoleptic
010A	Loss on Drying, %	0.00		18.00	2hrs. @ 105°C
012B	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			Current USP Microbial Limit Test
033B	Hydrophobicity	Float 0.5 g of material on 50 mL of water for more than 1 hr			Float powder on water at room temperature
038A	Apparent Density, gm/cbi	1.00		6.00	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note	<i>The color components in this product meet the applicable US FDA (21-CFR requirements) and EU Cosmetic Directive specifications and purity.</i>			
027F	Arsenic, ppm	0		2	AAS
029H	Lead, ppm	0		2	AAS
031C	Mercury, ppm	0		1	AAS

Patent # 4,877,604